

29.4 Mounting the transportation lock on the counterweight of the SCARA robotic arm

The units described below must be assembled and adjusted by Evident. If these units are assembled or adjusted by the customer, the operations are not ensured.



Transportation lock (rear)



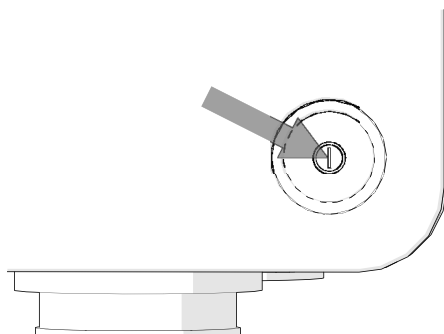
ATTENTION

The transportation locks must be remounted each time before the unit is transported. Make absolutely sure not to lose the transportation locks and the mounting material.



» Hex screwdrivers (size 3 mm and 5 mm)

1. Switch the VS200 system off using the main power switch and disconnect the system from the power supply. To do so, disconnect the external power supply unit from the power supply.

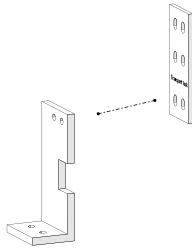


2. Remove the following elements of the housing. You can remove more if required.
 - » Right housing side cover
3. Mount the transportation lock to the SCARA robot arm first. See [Mounting the transportation lock on the SCARA robotic arm on page 281](#).

4. Screw the locking plate on the back of the loader to the counterweight hand-tight using the middle screw. Then screw the plate to the rear of the housing using the four smaller screws. Tighten the five screws hand-tight with the tool (hex screwdriver size 3 mm / 5 mm).
5. Reconnect the VS200 scanner to the power supply.

29.5 Mounting the transportation lock on the SCARA robotic arm

The units described below must be assembled and adjusted by Evident. If these units are assembled or adjusted by the customer, the operations are not ensured.



Transportation locks (3) and (4)



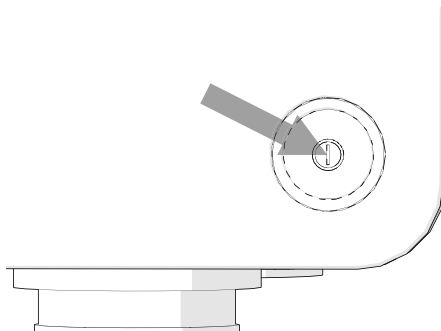
ATTENTION

The transportation locks must be remounted each time before the unit is transported. Make absolutely sure not to lose the transportation locks and the mounting material.



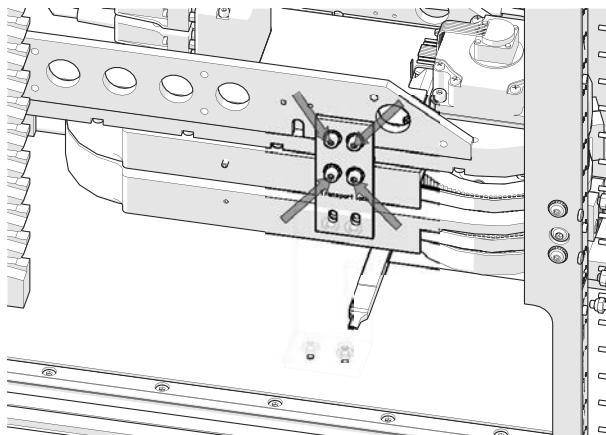
» Hex screwdriver (size 3 mm)

1. Switch the VS200 system off using the main power switch and disconnect the system from the power supply. To do so, disconnect the external power supply unit from the power supply.

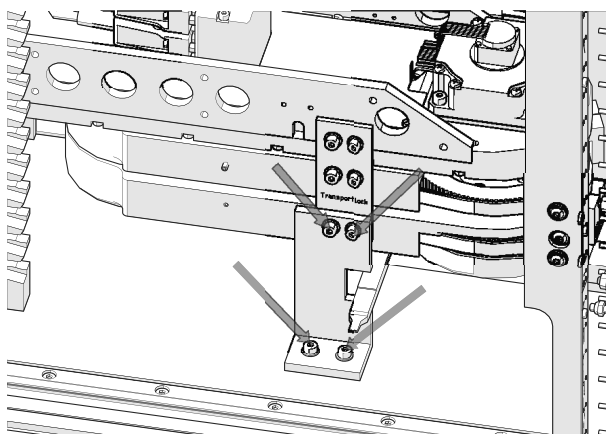


29 Preparing for transportation

2. Manually move the SCARA robot arm to the right. Move the three parts of the arm so that they are stacked vertically. To move the SCARA robot arm, grasp the segments of the arm.
3. Use the 4 hex screws (size 3mm hex screwdriver) to attach the upper part of the transportation lock.



4. Use the 4 hex screws (size 3 mm hex screwdriver) to attach the lower part of the transportation lock.



30 Proper selection of the power supply cord

If no suitable power supply cord has been provided, please select an appropriate power supply cord with a certification mark by referring to the specifications and the table below.



Evident is not responsible for damage caused by the use of uncertified power cords with Olympus devices.

Specifications

| | |
|------------------------|--|
| Voltage Rating | 125V AC (for 100-120V AC area) or 250 V AC (for 220-240V AC area) |
| Rated current | 9.5 A minimum |
| Temperature Rating | 60 °C minimum |
| Length | 3 m maximum |
| Fittings configuration | Grounding type attachment plug cap. Opposite terminates in molded-on IEC configuration appliance coupling. |

30 Proper selection of the power supply cord

Table 1 - Certification marks for power cords

The power cord has to have a certification mark from one of the bodies listed in table 1 or it must use a cable that has been tested by a body that is listed in table 1 or table 2. The plug has to have at least one certification mark shown in table 1. If you are unable to acquire a cord tested by one of the bodies listed in table 1 in your country, please use a cord that has been tested by a comparable body in your country.




















| Country | Agency | Certification Mark | Country | Agency | Certification Mark |
|----------------|-------------|---|-------------|----------|---|
| Argentina | IRAM |  | Japan | JET, JQA |  |
| Australia | SAA |  | Canada | CSA |  |
| Belgium | CEBEC |  | Netherlands | KEMA |  |
| Denmark | DEMKO |  | Norway | NEMKO |  |
| Germany | VDE |  | Austria | ÖVE |  |
| Finland | FEI |  | Sweden | SEMKO |  |
| France | UTE |  | Switzerland | SEV |  |
| United Kingdom | ASTA BSI |  | Spain | AEE |  |
| Ireland | NSAI |  | U.S.A. | UL |  |
| Italy | IMQ |  | | | |

Table 2 - HAR Flexible cables

| Certification body | Printed or embossed harmonization mark (on the plug or cable insulation) | |
|--|--|-------|
| Comité Électrotechnique Belge (CEBEC) | CEBEC | <HAR> |
| VDE Verband der Elektrotechnik Elektronik Informationstechnik e.V. | <VDE> | <HAR> |
| Union Technique de l'Électricité (UTE) | USE | <HAR> |
| Istituto Italiano del Marchio di Qualità (IMQ) | IEMMEQU | <HAR> |
| British Approvals Service for Cables (BASEC) | BASEC | <HAR> |
| N.V. KEMA | KEMA-KEUR | <HAR> |
| SEMKO AB Svenska Elektriska Materielkontroll-anstalten | SEMKO | <HAR> |
| Österreichischer Verband für Elektrotechnik (ÖVE) | <ÖVE> | <HAR> |
| Danmarks Elektriske Materielkontrol (DEMKO) | <DEMKO> | <HAR> |
| National Standards Authority of Ireland (NSAI) | <NSAI> | <HAR> |
| Norges Elektriske Materielkontroll (NEMKO) | NEMKO | <HAR> |
| Asociación Electrotécnica Española (AEE) | <UNED> | <HAR> |
| Hellenic Organization for Standardization (ELOT) | ELOT | <HAR> |
| Instituto Português da Qualidade (IPQ) | np | <HAR> |
| Schweizerischer Elektrotechnischer Verein (SEV) | SEV | <HAR> |
| Elektriska Inspektoratet | SETI | <HAR> |

Underwriters Laboratories Inc. (UL)

SV, SVT, SJ oder SJT, 3 X 18AWG

Canadian Standards Association (CSA)

SV, SVT, SJ oder SJT, 3 X 18AWG

31 Declarations of conformity and disposal

31.1 CE conformity (Europe)

This system complies to the requirements of the following European directives:

- » Regulation (EU) 2017/746 of the European Parliament and of the Council of 5 April 2017 on in vitro diagnostic medical devices and repealing Directive 98/79/EC and Commission Decision 2010/227/EU
- » Low Voltage Directive 2014/35/EU
- » EMC Directive 2014/30/EU
- » Machinery Directive 2006/42/EC
- » Radio Equipment Directive (RED) 2014/53/EU

This system complies with the requirements of Directive 2014/30/EU concerning electromagnetic compatibility according to Standard IEC/EN61326-1.

- » Emission: Class A
- » Immunity: Applied to industrial environment requirements. Operation of this equipment in a residential area may cause interference.

31.2 WEEE declaration (Europe)



In accordance with the European directive on Waste of Electrical and Electronic Equipment, this symbol indicates that the product must not be disposed of as unsorted municipal waste but should be collected separately. Refer to your local authority in the EU for return and/or collection systems available in your country.

31.3 RoHS conformity (Europe)

This product conforms with the European Union directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment 2011/65/EU.

31.4 FCC (USA)

Part 15 Clause 15.21

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Part 15.19(a) [interference compliance statement], unless the following statement is already provided on the device label:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure guidance to the user on what separation distance to the body/limbs the device must be operated in order to comply with FCC RF Exposure requirements.

FCC Supplier's Declaration of Conformity
Hereby declares that the product
Product name: Optical Microscope
Model Number: VS200
Confirms to the following specifications:
FCC part 15, Subpart B, Section 15.107 and Section 15.109
Supplementary Information:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Responsible Party Name: Evident Scientific Inc.
Address: 48 Woerd Ave Waltham, MA 02453, U.S.A.
Phone Number: 781-419-3900

This device generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

31.5 China RoHS conformity (China)

for China only



电器电子产品有害物质限制使用标志

本标志是根据“电器电子产品有害物质限制使用管理办法”以及“电子电气产品有害物质限制使用标识要求”的规定，适用于在中国销售的电器电子产品上的电器电子产品有害物质使用限制标志。
(注意) 电器电子产品有害物质限制使用标志内的数字为在正常的使用条件下有害物质等不泄漏的期限，不是保证产品功能性能的期间。

产品中有害物质的名称及含量

| 部件名称 | | 有害物质 | | | | | |
|------|------|----------------|----------------|----------------|----------------------|---------------|-----------------|
| | | 铅及其化合物 (Pb) | 汞及其化合物 (Hg) | 镉及其化合物 (Cd) | 六价铬及其化合物 (Cr(VI)) | 多溴联苯 (PBB) | 多溴二苯醚 (PBDE) |
| 主体 | 机构部件 | × | ○ | ○ | ○ | ○ | ○ |
| | 光学部件 | × | ○ | ○ | ○ | ○ | ○ |
| | 电气部件 | × | ○ | ○ | ○ | ○ | ○ |
| 附件 | | × | ○ | ○ | ○ | ○ | ○ |

本表格依据SJ/T 11364的规定编制。
○：表示该有害物质在该部件所有均质材料中的含量均在GB/T26572规定的限量要求以下。
×：表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T26572规定的限量要求。

31.6 RFID (Canada)

ISED notice:

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) l'appareil ne doit pas produire de brouillage;
- 2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

31.7 Korea



본 기기는 통상 이용 상태의 경우 인체 (머리, 몸통)와 20cm 초과하는 거리에서 사용되어야 합니다.

| | |
|-------------------------------|--|
| Manufacturer and Registrant: | EVIDENT Technology Center Europe GmbH, Germany |
| 기자재명칭(제품명칭) Equipment Name | 미약 전계강도 무선기기 Weak electric field strength wireless device |
| Basic Model Number: | VS200-BU |
| Series Model Number: | VS200-BU-L |
| Registration No.: | R-R-OIS-VS200-BU |
| Basic Model Number: | VS200-LOADER |
| Registration No.: | R-R-OIS-VS200-LO |

31.8 IMDA (Singapore)

Complies with IMDA Standards.

31.9 UKCA (United Kingdom Conformity Assessed)

Complies with the relevant UK legislation.

31.10 NCC (Taiwan)

低功率射頻器材技術規範3.8.2警語

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Without permission granted by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to a approved low power radio-frequency devices. The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operating immediately until no interference is achieved. The said legal communications means radio communications is operated in compliance with the Telecommunications Management Act. The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices.

VS21-BU (VS200-BU)



CCAO21LP047BT9

31 Declarations of conformity and disposal

VS21-BU-L (VS200-BU-L)

 CCAO21LP047CT1

VS21-LOADER (VS200-LOADER)

 CCAO21LP048AT0

For VS21-LOADER (VS200-LOADER) only - Warnings for Class A:

「減少電磁波影響，請妥適使用」

警告使用者： 這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

32 Support

If you have any questions or problems that you can not resolve with the help of this manual, please contact your local service organization.

————— Manufacturer / 製造元 / 制造商 —————

EVIDENT Technology Center Europe GmbH
Wilhelm-Schickard-Straße 3, 48149 Münster, Germany

————— Distributor / 販売代理店 / 经销商* —————

Evident Europe GmbH
Caffamacherreihe 8-10, 20355 Hamburg, Germany

Evident Scientific, Inc.
48 Woerd Ave, Waltham, MA 02453, U.S.A.

株式会社エビデント
〒163-0910 東京都新宿区西新宿2-3-1 新宿モノリス
エビデントお客様相談センター, 電話番号：0120-58-0414

仪景通光学科技（上海）有限公司
总部： 中国（上海）自由贸易试验区 日樱北路199-9号102及302部位
售后服务热线：400-969-0456

Evident Korea Co. Ltd.
Seocho-dong, Seocho Central IPARK 5th, 6th Floor, 36, Banpo-daero 18-gil,
Seocho-gu, Seoul

Evident Scientific Singapore Pte Ltd.
25 Ubi Road 4, #04-04/05 Ubix, Singapore 408621

Evident Scientific Private Ltd.
201, 202, 203 (2nd Floor), Tower C, Unitech Cyber Park, Sector 39,
Gurgaon-122022, India

Evident Australia Pty Ltd.
Level 4, 97 Waterloo Road, Macquarie Park, NSW 2113, Australia

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